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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/917,761

07/31/2001

Shigeru Hidesawa

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10/03/2003

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP
1725 K STREET, NW
SUITE 1000
WASHINGTON, DC 20006

EXAMINER

DUONG, HUNG V

ART UNIT

PAPER NUMBER

2835

DATE MAILED: 10/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Applicati n No.

09/917,761

Applicant(s)

HIDESAWA, SHIGERU

Examiner

Hung v Duong

Art Unit

2835

-- Th MAILING DATE of this communication app ars on th cov r sh t with th corr spondenc address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 30 June 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1 and 3-11 is/are rejected.
- 7) ☐ Claim(s) 2 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Objections

1. Claims 4, 11 are objected to because of the following informalities:

In claim 4, lines 1 and 3 "the electronic apparatus" should be --the apparatus body --.

In claim 11, line 1, "the electronic apparatus" should be -- the apparatus body --

Appropriate correction is required.

Response to Amendment

2. The amendment filed June 30, 2003 is acknowledged.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 3-6, and 8-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Jackson et al. (US Pat. 5,974,556).

Regarding claims 1, 3-6, and 8-11 Jackson et al disclose in figures 3A-3D, an electronic apparatus comprising an apparatus body 300, and an electric part 310 (docking station) detachably attached to the apparatus body 300, wherein the electric part 310 is attached to an outer wall of the apparatus body 300, wherein the electric part 310 has an electric part body having an outer wall which is arranged in contact with the outer wall of the apparatus body (figure 3B), and the electric part 310 is provided with inherently terminals for accomplishing electric connection of the electric part 310 with the apparatus body 300 and a heat radiating structure 330,334 for radiating heat generated in the apparatus body 300. The heat radiating structure comprises a heat radiating member 334 for radiating heat generated in the apparatus body 300 via the electric part 310 (figure 3C). The apparatus body 300 includes a heat radiating member 322 and the heat radiating member 334 of the electric part 310 is connected to the heat radiating member 322 of the apparatus body 300 when the electric part 310 is attached (figure 3C). The heat radiating structure includes a fan 346 for radiating heat generated in the apparatus body via the electric part (figure 3D). The apparatus body and the electric part include an inherent mechanical connection for mechanically connecting the electric part 310 to the apparatus 300 (figure 3B). The electric part is a connector box (docking station). The electric part 310 extends long along a rear portion of the apparatus body 300 (figure 3B). The length of the electric part is not less than half of the length of the rear portion of the apparatus body (figure 3B). The apparatus body is a

notebook type information processing apparatus having a portion including a keyboard and a portion attached to the portion including the keyboard and including a display (figure 3A).

5. Claims 1, 3-6, and 8-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Moore et al. (US Pat. 6,084,769).

Regarding claims 1, 3-6, and 8-11 Moore et al disclose in figures 1-3, an electronic apparatus comprising an apparatus body 12, and an electric part 10 detachably attached to the apparatus body 10, wherein the electric part 10 is attached to an outer wall of the apparatus body 12, wherein the electric part 10 has an electric part body having an outer wall which is arranged in contact with the outer wall of the apparatus body 12 (figure 1), and the electric part 10 is provided with terminals 34,36 for accomplishing electric connection of the electric part 10 with the apparatus body 12 and a heat radiating structure 42, 88 for radiating heat generated in the apparatus body 12. The heat radiating structure comprises a heat radiating member 42, 88 for radiating heat generated in the apparatus body 12 via the electric part 10. The electronic apparatus includes a heat radiating member 88 and the heat radiating member 42 of the electric part 12 is connected to the heat radiating member 88 of the electronic apparatus body 12 when the electric part 10 is attached. The heat radiating structure includes a fan 58 for radiating heat generated in the apparatus body 12 via the electric part 10. The apparatus body 12 and the electric part 10 include a mechanical connection 36 for mechanically connecting the electric part 10 to the apparatus 12 (figure 1). The electric part is a connector box (docking station). The electric part 10 extends long along a rear

portion of the apparatus body 12 (figure 1). The length of the electric part is not less than half of the length of the rear portion of the apparatus body (figure 1). The electric part 10 extends long along a rear portion of the apparatus body 11 (figure 1). The apparatus body is a notebook type information processing apparatus (column 3, line 55) having a portion including a keyboard 68 and a portion attached to the portion including the keyboard and including a display 70.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jackson et al (US Pat. 5,974,556) in view of Akira et al (JP 10-116133).

Regarding claim 7, Jackson et al disclose in figures 3A-3D all the subject matter of the claimed invention except for the electric part comprising a battery pack. However, Akira et al disclose an electric part comprising a battery pack on a lateral face at the rear of a notebook computer. Therefore, it would be obvious to one of ordinary skill to include the electric part with a battery pack of Akira et al into Jackson et al electric part as applicant's invention in order to provide independent power within electronic part.

Allowable Subject Matter

8. Claim 2 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

9. The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to show that the heat radiating structure comprises an uneven wall structure allowing a passage of air between an outer surface of the electric part and an outer surface of the apparatus body.

Response to Amendment

10. Applicant's arguments with respect to claim 1, and 3-11 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

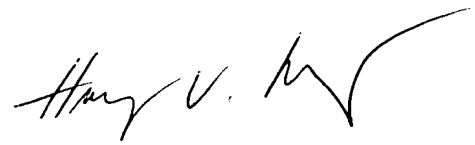
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung v Duong whose telephone number is 703- 308-4889. The examiner can normally be reached on 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on 703 308 4815. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308 0956.

HVD

9/15/03



Hung Duong
Patent Examiner.